

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S2    | 11    | ("2013658"   "2181950"   "2248891").PN. OR ("4188915").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ              | ON      | 2007/09/23 11:02 |
| S1    | 2     | "4188915".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | ADJ              | ON      | 2007/09/23 11:02 |
| S3    | 1     | ("2181950").URPN.  | USPAT   | ADJ              | ON      | 2007/09/23 11:13 |
| S5    | 21    | ("1774150"   "1991631"   "2089000"   "2304788"   "2602648"   "2705476"   "3554276"   "4123994"   "4188915"   "4347810"   "4598667"   "4903640"   "4966100"   "4977955"   "5799723").PN. OR ("6041854").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ              | ON      | 2007/09/23 11:14 |
| S4    | 1     | ("2248891").URPN.  | USPAT   | ADJ              | ON      | 2007/09/23 11:14 |
| S6    | 15    | ("2713787"   "3828735"   "3838665"   "3850146"   "4768447"   "4809621"   "4809645").PN. OR ("4966100").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ              | ON      | 2007/09/23 11:16 |
| S7    | 18    | ("1999046").PN. OR ("3838665").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ              | ON      | 2007/09/23 11:18 |
| S10   | 37040 | gasifier or gasification or gasify   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/09/23 11:19 |
| S9    | 33706 | gasifier or gasification   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/09/23 11:19 |
| S8    | 15219 | gasifier or gasification   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ              | ON      | 2007/09/23 11:19 |
| S13   | 140   | S12 same S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/09/23 11:20 |
| S12   | 23227 | S11 with (lower or bottom)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/09/23 11:20 |

## EAST Search History

|     |        |  |   |     |    |                  |
|-----|--------|--|---|-----|----|------------------|
| S11 | 205661 | cool\$3 near4 (tube or pipe or conduit)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/09/23 11:20 |
| S16 | 15     | peise.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | ADJ | ON | 2007/09/23 11:34 |
| S15 | 7      | peise.in.  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/23 11:34 |
| S14 | 14     | ("4272255"   "4343626"  <br>"4395268"   "4437864"   "4554967"<br>  "4707163"   "4768470"  <br>"4813382"   "4818252"   "4818253"<br>  "4848982").PN. OR ("5248316").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/23 11:34 |
| S17 | 15     | peise.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | ADJ | ON | 2007/09/24 05:36 |
| S20 | 33     | ("2134492"   "2700599"  <br>"2801158"   "2851346"   "2917011"<br>  "2961310"   "2971830"  <br>"3018174"   "3145693"  <br>"3916617").PN. OR ("4013427").<br>URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/24 05:44 |
| S19 | 1      | "4013427".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/24 05:44 |
| S18 | 14     | ("4272255"   "4343626"  <br>"4395268"   "4437864"   "4554967"<br>  "4707163"   "4768470"  <br>"4813382"   "4818252"   "4818253"<br>  "4848982").PN. OR ("5248316").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/24 05:44 |
| S21 | 15     | ("1722496"   "2179638"  <br>"2931715"   "3951615"  <br>"3988123").PN. OR ("4272255").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/24 05:56 |
| S23 | 17     | ("1897950"   "2179638"  <br>"2603559"   "3059913").PN. OR<br>("4098324").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/24 06:02 |
| S22 | 2      | ("2179638").URPN.  | USPAT   | ADJ | ON | 2007/09/24 06:02 |
| S24 | 2      | ("2603559").URPN.  | USPAT   | ADJ | ON | 2007/09/24 06:05 |
| S25 | 13     | ("4098324"   "4158552"  <br>"4168956"   "4248604"   "4343627"<br>  "4493291").PN. OR ("4569680").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/09/24 06:09 |

## EAST Search History

|     |       |   |                              |     |    |                  |
|-----|-------|---|------------------------------|-----|----|------------------|
| S26 | 193   | 48/67.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/24 06:10 |
| S28 | 64279 | ceram\$5 near4 (layer or coat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/24 06:27 |
| S27 | 13    | ("4218423"   "4437651"  <br>"4487612"   "4707163"   "4948387"<br>  "4960439"   "5136808"  <br>"5251882").PN. OR ("5464592").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/24 06:27 |
| S29 | 5     | S28 and S26   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/24 06:28 |